

CLAIMS

I claim:

1. A device for lifting one or more vehicles or equipment having a column mounted upon a base and reinforced to said base, said column
5 containing with a vertical screw drive powered by a reversible electrical motor mounted upon said column opposite said base, wherein the improvement comprises:
 - one or more carriages mounting to said screw drive; and,
 - one or more booms mounting to said carriages generally extending
10 perpendicular to said column,
 - whereby, a vehicle is placed upon said boom, positioned at a desired elevation, and pivoted into a final location for storage.
2. The lifting device of claim 1 further comprising:
 - said carriage having an upper flange having a complete hole; a lower
15 flange parallel and mutually spaced apart from said upper flange having a semicircular hole coaxial with the complete hole; and, one or more handles proximate to said lower flange, opposite, coaxial, and perpendicular to said column,
 - whereby, said upper flange rests upon and around said carriage and said
20 lower flange merely rests against said screw drive.
3. The lifting device of claim 1 further comprising:
 - said boom having an extension that telescopes coaxial with said boom and away from said column.
4. The lifting device of claim 2 wherein said complete hole is round.
- 25 5. The lifting device of claim 2 wherein said complete hole is elliptical.
6. A method for storing one or more vehicles or equipment vertically, the steps comprising:
 - a) reinforcing the base of a column for a vertical screw lift;

- b) installing a carriage upon said screw lift;
- c) placing a boom upon said carriage;
- d) telescoping an extension of said boom as desired;
- e) placing said vehicle upon said boom;
- 5 f) raising and rotating said boom to a desired position; and,
- g) repeating steps b) through f) for each additional vehicle until load capacity of said column is attained.